

CJBD-2828-4M 3/4

Code: 1009287



Ventilation units acoustically insulated

Fan:

- CBD series double inlet fans.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Forward curved impeller in galvanised sheet steel.
- Glands for cable entry.

Motor:

- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

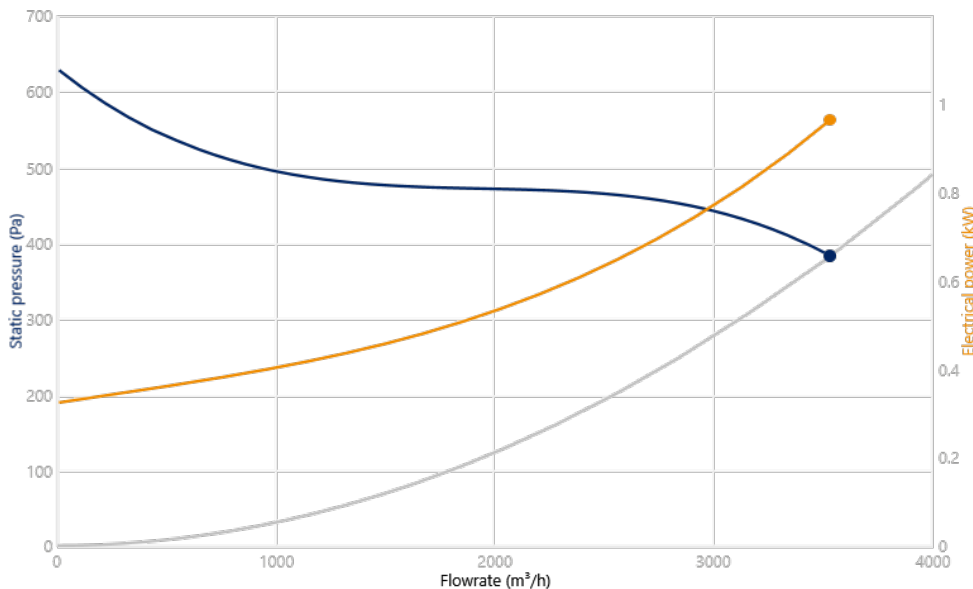
- Galvanised steel sheet.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³



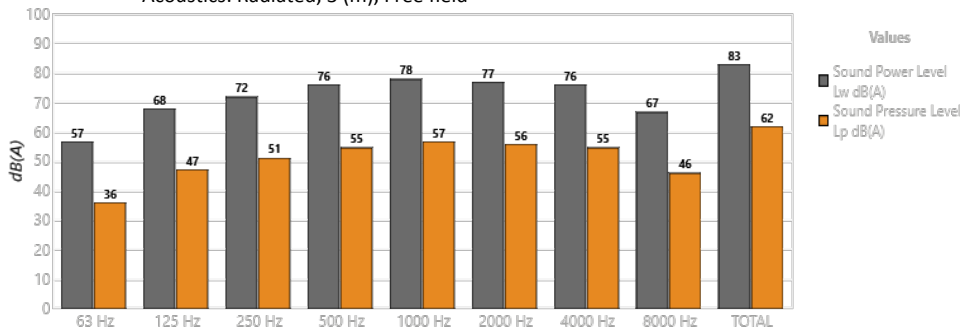
Design Point

Q (m³/h)	3530
Ps (Pa)	382

Service Point (SP)

Q (m³/h)	3533
Ps (Pa)	382.6
Pd (Pa)	64.02
Pt (Pa)	446.6
Impeller (rpm)	1310
Max. Temp. (°C)	60
Outlet air speed (m/s)	10.33
Electrical efficiency (Pt) (%)	45.47
SFP (kW/m³/s)	0.9822
Electrical power (kW)	0.9638

Acoustics: Radiated, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	57	36
125 Hz	68	47
250 Hz	72	51
500 Hz	76	55
1000 Hz	78	57
2000 Hz	77	56
4000 Hz	76	55
8000 Hz	67	46
TOTAL	83	62

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	3544
Speed (rpm)	1310
Maximum static pressure (Pa)	627.7
Maximum total pressure (Pa)	627.7

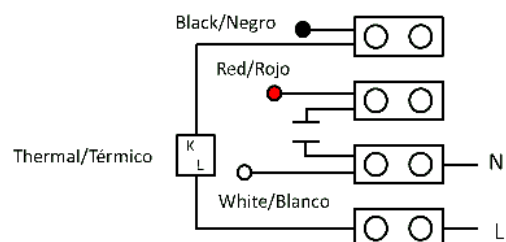
ERP

Brand	SODECA, S.L.U.	Static efficiency of fan according to EU 327/2011 (%)	40.9%
Model	CJBD-2828-4M 3/4	Max. external leakage rate (%)	0.1%
Typology	NRVU / UVU	Filter energy performance	Not applicable
Drive type	Variable speed	Visual filter warning	Not applicable
HRS type	None	Sound power level (LWA) (dBA)	81
Nominal flow rate (m³/s)	0.918	Website	www.sodeca.com
Effective electric power input (kW)	0.789	ErP compliance	2018
Face velocity at design flow rate (m/s)	9.66		
Nominal external pressure (Pa)	348		

MOTOR DATA

Rated Mechanical Power (kW)	0.55
Hz/phases	50/1
Motor (rpm)	1310
Poles	4P
Max. current (A) 220-240 V	4.5
Motor frame size	80

Data can change, please check motor plate

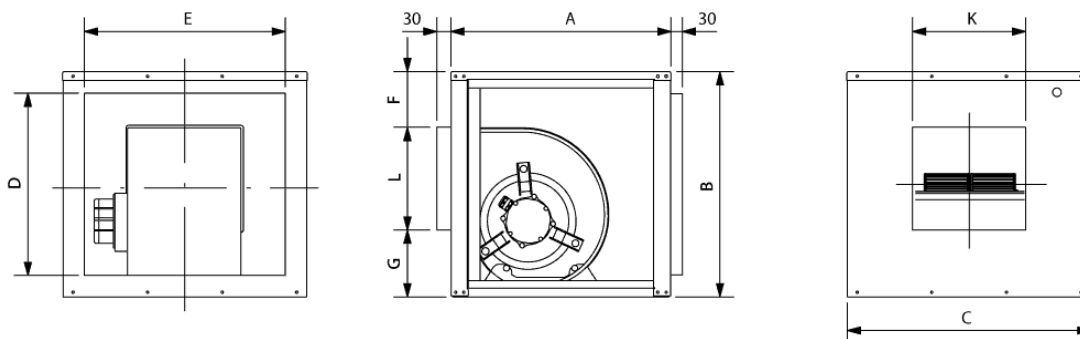


DIMENSIONS

A	B	C	D	E	F	G	L	K
550	575	600	479	504	104	177	294	330

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	34
---------------------	----



AVAILABLE ACCESSORIES

General accessories available



INT-KG-
20/3CA



TEJ-2828



VSD1/M

Inlet accessories available



VIS-10/10

Outlet accessories available



VIS-10/10

It must be checked that the accessory is suitable for the fan model